

09/457999

PTO/SB/08 (05-03)

Approved for use through 4/30/2003. GSA GEN. REG. NO. 27 CFR 1.16(a)(1)

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD  
Substitute for Form PTO-675

Application for Patent by \_\_\_\_\_

## CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| FOR  | NUMBER FILED | NUMBER EXTRA |
|--|--------------|--------------|
| BASIC FEE<br>(37 CFR 1.16(a))                          |              |              |
| TOTAL CLAIMS<br>(37 CFR 1.16(c))                       | 27           | minus 20 = • |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(d))                 | 22           | minus 20 = • |
| MLR. TIPLE DEPENDENT CLAIM PRESENT<br>(37 CFR 1.16(j)) |              |              |

| SMALL ENTITY | OR   | OTHER THAN SMALL ENTITY |      |
|--------------|------|-------------------------|------|
| RATE         | FEES | RATE                    | FEES |
| X \$ ____    | =    | X \$ ____               | =    |
| X \$ ____    | =    | X \$ ____               | =    |
| X \$ ____    | =    | X \$ ____               | =    |
| + \$ ____    | =    | + \$ ____               | =    |
| TOTAL        |      | TOTAL                   | 860  |

\* If the difference in column 1 is less than zero, enter "0" in column 2.

## CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT   | CLAIMS REMAINING AFTER AMENDMENT | MINUS | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|-------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(g))                                       | 27                               | minus | 27                                 | • 0           |
| Independent<br>(37 CFR 1.16(g))                                 | 2                                | minus | 3                                  | • 0           |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |       |                                    |               |

| SMALL ENTITY    | OR             | OTHER THAN SMALL ENTITY |                |
|-----------------|----------------|-------------------------|----------------|
| RATE            | ADDITIONAL FEE | RATE                    | ADDITIONAL FEE |
| X \$ ____       | =              | X \$ ____               | =              |
| X \$ ____       | =              | X \$ ____               | =              |
| + \$ ____       | =              | + \$ ____               | =              |
| TOTAL ADD'L FEE |                | TOTAL ADD'L FEE         |                |

3-29-05

(Column 1) (Column 2) (Column 3)

| AMENDMENT   | CLAIMS REMAINING AFTER AMENDMENT | MINUS | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|-------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(g))                                       | 28                               | minus | 28                                 | •             |
| Independent<br>(37 CFR 1.16(g))                                 | 0                                | minus | 3                                  | •             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |       |                                    |               |

| RATE            | ADDITIONAL FEE | RATE            | ADDITIONAL FEE |
|-----------------|----------------|-----------------|----------------|
| X \$ ____       | =              | X \$ ____       | =              |
| X \$ ____       | =              | X \$ ____       | =              |
| + \$ ____       | =              | + \$ ____       | =              |
| TOTAL ADD'L FEE |                | TOTAL ADD'L FEE |                |

(Column 1) (Column 2) (Column 3)

| AMENDMENT   | CLAIMS REMAINING AFTER AMENDMENT | MINUS | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|-------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(g))                                       | •                                | minus | •                                  | -             |
| Independent<br>(37 CFR 1.16(g))                                 | •                                | minus | ---                                | -             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |       |                                    |               |

| RATE            | ADDITIONAL FEE | RATE            | ADDITIONAL FEE |
|-----------------|----------------|-----------------|----------------|
| X \$ ____       | =              | X \$ ____       | =              |
| X \$ ____       | =              | X \$ ____       | =              |
| + \$ ____       | =              | + \$ ____       | =              |
| TOTAL ADD'L FEE |                | TOTAL ADD'L FEE |                |

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Best Available Copy

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number

9/457,999

## CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| FOR                                    | NUMBER FILED     | NUMBER EXTRA |
|--|------------------|--------------|
| BASIC FEE<br>(37 CFR 1.16(a))          |                  |              |
| TOTAL CLAIMS<br>(37 CFR 1.16(c))       | 0 minus 20 =     |              |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(b)) | minus 3 =        |              |
| MULTIPLE DEPENDENT CLAIM PRESENT       | (37 CFR 1.16(d)) |              |

\* If the difference in column 1 is less than zero, enter "0" in column 2.

## SMALL ENTITY

OR

| RATE | FEES |
|------|------|
| X \$ | =    |
| X \$ | =    |
| X \$ | =    |
| + \$ | =    |

TOTAL

## OTHER THAN SMALL ENTITY

OR

| RATE | FEES |
|------|------|
| X \$ | =    |
| X \$ | =    |
| X \$ | =    |
| + \$ | =    |

TOTAL

## CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A   | CLAIMS REMAINING AFTER AMENDMENT |       | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|-------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(c))                                       | 28                               | Minus | 28                                 | = 0           |
| Independent<br>(37 CFR 1.16(b))                                 | 2                                | Minus | 7                                  | = 0           |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |       |                                    |               |

## SMALL ENTITY

OR

| RATE | ADDITIONAL FEE |
|------|----------------|
| X \$ | =              |
| X \$ | =              |
| + \$ | =              |

TOTAL ADD'L FEE

## CLAIMS AS AMENDED - PART II

OR

| RATE | ADDITIONAL FEE |
|------|----------------|
| X \$ | =              |
| X \$ | =              |
| + \$ | =              |

TOTAL ADD'L FEE

(Column 1) (Column 2) (Column 3)

| AMENDMENT B   | CLAIMS REMAINING AFTER AMENDMENT |       | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|-------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(c))                                       | 28                               | Minus | 28                                 | = 0           |
| Independent<br>(37 CFR 1.16(b))                                 | 2                                | Minus | 7                                  | = 0           |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |       |                                    |               |

| RATE | ADDITIONAL FEE |
|------|----------------|
| X \$ | =              |
| X \$ | =              |
| + \$ | =              |

TOTAL ADD'L FEE

(Column 1) (Column 2) (Column 3)

| AMENDMENT C   | CLAIMS REMAINING AFTER AMENDMENT |       | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|-------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(c))                                       | *                                | Minus | **                                 | =             |
| Independent<br>(37 CFR 1.16(b))                                 | *                                | Minus | ***                                | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |       |                                    |               |

| RATE | ADDITIONAL FEE |
|------|----------------|
| X \$ | =              |
| X \$ | =              |
| + \$ | =              |

TOTAL ADD'L FEE

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| PATENT APPLICATION FEE DETERMINATION RECORD |  |  |  | Application or Docket Number |
|---|--|--|--|------------------------------|
| Substitute for Form PTO-875                 |  |  |  | 91457 999                    |

## CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| FOR                                    | NUMBER FILED     | NUMBER EXTRA |
|--|------------------|--------------|
| BASIC FEE<br>(37 CFR 1.16(a))          |                  |              |
| TOTAL CLAIMS<br>(37 CFR 1.16(c))       | minus 20 =       |              |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(b)) | minus 3 =        |              |
| MULTIPLE DEPENDENT CLAIM PRESENT       | (37 CFR 1.16(d)) |              |

\* If the difference in column 1 is less than zero, enter "0" in column 2.

## SMALL ENTITY

OR

| RATE  | FEES |
|-------|------|
| X \$  | =    |
| X S = |      |
| X S = |      |
| + S = |      |
| TOTAL |      |

## OTHER THAN SMALL ENTITY

OR

| RATE  | FEES |
|-------|------|
| -     | S    |
| X S = |      |
| X S = |      |
| + S = |      |
| TOTAL |      |

## CLAIMS AS AMENDED - PART II

Response (Column 1) (Column 2) (Column 3)

| AMENDMENT A   | 4/11/03 | CLAIMS REMAINING AFTER AMENDMENT |      | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|---------|----------------------------------|------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(c))                                       | 27      | Minus                            | " 27 | = 0                                |               |
| Independent<br>(37 CFR 1.16(b))                                 | 2       | Minus                            | " 3  | = 10                               |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |         |                                  |      |                                    |               |

## SMALL ENTITY

OR

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| X S =           |                |
| X S =           |                |
| + S =           |                |
| TOTAL ADD'L FEE |                |

## OTHER THAN SMALL ENTITY

OR

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| -               |                |
| X S =           |                |
| X S =           |                |
| + S =           |                |
| TOTAL ADD'L FEE |                |

Response (Column 1) (Column 2) (Column 3)

| AMENDMENT B   | 10/2/03 | CLAIMS REMAINING AFTER AMENDMENT |      | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|---------|----------------------------------|------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(c))                                       | 28      | Minus                            | " 22 | = 6                                |               |
| Independent<br>(37 CFR 1.16(b))                                 | 2       | Minus                            | " 3  | = 0                                |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |         |                                  |      |                                    |               |

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| X S =           |                |
| X S =           |                |
| + S =           |                |
| TOTAL ADD'L FEE |                |

## OTHER THAN SMALL ENTITY

OR

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| -               |                |
| X S =           | 18             |
| X S =           |                |
| + S =           |                |
| TOTAL ADD'L FEE |                |

(Column 1) (Column 2) (Column 3)

| AMENDMENT C   | 4/12/04 | CLAIMS REMAINING AFTER AMENDMENT |      | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|---------|----------------------------------|------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(c))                                       | 28      | Minus                            | " 28 | =                                  |               |
| Independent<br>(37 CFR 1.16(b))                                 | 2       | Minus                            | " 3  | =                                  |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |         |                                  |      |                                    |               |

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| X S =           |                |
| X S =           |                |
| + S =           |                |
| TOTAL ADD'L FEE |                |

## OTHER THAN SMALL ENTITY

OR

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| -               |                |
| X S =           |                |
| X S =           |                |
| + S =           |                |
| TOTAL ADD'L FEE |                |

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**PATENT APPLICATION FEE DETERMINATION RECORD**  
Effective November 10, 1998

Application or Docket Number

**CLAIMS AS FILED - PART I**

(Column 1) (Column 2)

| FOR                              | NUMBER FILED      | NUMBER EXTRA |
|----------------------------------|-------------------|--------------|
| BASIC FEE                        |                   |              |
| TOTAL CLAIMS                     | 27 minus 20 = * 7 |              |
| INDEPENDENT CLAIMS               | 2 minus 3 = * 0   |              |
| MULTIPLE DEPENDENT CLAIM PRESENT |                   |              |

\* If the difference in column 1 is less than zero, enter "0" in column 2

**CLAIMS AS AMENDED - PART II**

(Column 1) (Column 2) (Column 3)

| AMENDMENT A                                    | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |
|--|---|-------|---|------------------|
|  | Total                                     | * 27  | Minus                                       | ** 27 =          |
| Independent                                    | * 2                                       | Minus | *** 3                                       | =                |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |       |   |                  |

4/16/92

(Column 1) (Column 2) (Column 3)

| AMENDMENT B                                    | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |
|--|---|-------|---|------------------|
|  | Total                                     | * 27  | Minus                                       | ** 27 =          |
| Independent                                    | * 3                                       | Minus | *** 3                                       | =                |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |       |   |                  |

9/11/02

(Column 1) (Column 2) (Column 3)

| AMENDMENT C                                    | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |
|--|---|-------|---|------------------|
|  | Total                                     | * 27  | Minus                                       | ** 27 =          |
| Independent                                    | * 2                                       | Minus | *** 3                                       | =                |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |       |   |                  |

- \* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

| SMALL ENTITY TYPE |     | OTHER THAN OR SMALL ENTITY |     |
|-------------------|-----|----------------------------|-----|
| RATE              | Fee | RATE                       | Fee |
| 380.00            |     | 760.00                     |     |
| X\$ 9=            |     | X\$18=                     | 126 |
| X39=              |     | X78=                       |     |
| +130=             |     | +260=                      |     |
| TOTAL             |     | OR TOTAL                   | 886 |

| SMALL ENTITY     |                | OTHER THAN SMALL ENTITY |                |
|------------------|----------------|-------------------------|----------------|
| RATE             | ADDITIONAL FEE | RATE                    | ADDITIONAL FEE |
| X\$ 9=           |                | X\$18=                  |                |
| X39=             |                | X78=                    |                |
| +130=            |                | +260=                   |                |
| TOTAL ADDIT. FEE |                | OR TOTAL ADDIT. FEE     |                |

| RATE             |  | RATE                |  |
|------------------|--|---------------------|--|
| ADDITIONAL FEE   |  | ADDITIONAL FEE      |  |
| X\$ 9=           |  | X\$18=              |  |
| X39=             |  | X78=                |  |
| +130=            |  | +260=               |  |
| TOTAL ADDIT. FEE |  | OR TOTAL ADDIT. FEE |  |

| RATE             |  | RATE                |  |
|------------------|--|---------------------|--|
| ADDITIONAL FEE   |  | ADDITIONAL FEE      |  |
| X\$ 9=           |  | X\$18=              |  |
| X39=             |  | X78=                |  |
| +130=            |  | +260=               |  |
| TOTAL ADDIT. FEE |  | OR TOTAL ADDIT. FEE |  |